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| **AB**  **CD** | **00** | **01** | **11** | **10** |  | **AB**  **CD** | **00** | **01** | **11** | **10** |
| **00** | 0 | 1 | 0 | 0 |  | **00** | 0 | 0 | 1 | 0 |
| **01** | 1 | 0 | 1 | 0 |  | **01** | 0 | 1 | 0 | 0 |
| **11** | 0 | 0 | 0 | 1 |  | **11** | 0 | 0 | 1 | 1 |
| **10** | 0 | 0 | 0 | 0 |  | **10** | 0 | 1 | 1 | 0 |
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| **AB**  **CD** | **00** | **01** | **11** | **10** |  | **AB**  **CD** | **00** | **01** | **11** | **10** |
| **00** | 0 | 0 | 1 | 0 |  | **00** | 0 | 1 | 0 | 0 |
| **01** | 0 | 0 | 0 | 0 |  | **01** | 1 | 0 | 0 | 0 |
| **11** | 0 | 0 | 1 | 0 |  | **11** | 0 | 1 | 1 | 0 |
| **10** | 1 | 0 | 1 | 0 |  | **10** | 0 | 0 | 0 | 1 |
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| **AB**  **CD** | **00** | **01** | **11** | **10** |  | **AB**  **CD** | **00** | **01** | **11** | **10** |
| **00** | 0 | 1 | 0 | 0 |  | **00** | 0 | 0 | 0 | 0 |
| **01** | 1 | 1 | 0 | 1 |  | **01** | 1 | 0 | 1 | 0 |
| **11** | 1 | 1 | 0 | 0 |  | **11** | 1 | 1 | 0 | 0 |
| **10** | 0 | 0 | 0 | 0 |  | **10** | 1 | 0 | 0 | 0 |
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|  |  |  | **AB**  **CD** | **00** | **01** | **11** | **10** |  |  |  |
|  |  |  | **00** | 1 | 0 | 1 | 0 |  |  |  |
|  |  |  | **01** | 1 | 0 | 0 | 0 |  |  |  |
|  |  |  | **11** | 0 | 1 | 0 | 0 |  |  |  |
|  |  |  | **10** | 0 | 0 | 0 | 0 |  |  |  |
|  |  |  |  | | | | |  |  |  |